Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (canceled).

2. (canceled).

3. (canceled).

4. (canceled).

1 5. (currently amended) An apparatus for generating coefficients to reduce the output energy and bandwidth of an intermittent signal, comprising:

a digital filter, and

a controller operable to calculate the energy in at least a first truncated tail data field as a function of at least a first ramp data field and at least a first data field, and operable to take a partial derivative of the energy in said at least the ~~a~~ first truncated tail data field with respect to said at least the ~~a~~ first ramp data field, and operable to generate an equality by setting said partial derivative of the energy equal to zero, and operable to solve said equality for said at least the ~~a~~ first ramp data field as a function of said at least the ~~a~~ first data field thereby generating at least a first coefficient coupled to said digital filter for reducing the output energy and bandwidth of the intermittent signal.

2 6. (currently amended) The apparatus of claim 1 ~~5~~, and wherein said energy in said at least the ~~a~~ first truncated tail data field is also a function of digital filter tap coefficients.

7. (canceled).

8. (canceled).

9. (canceled).

10. (canceled).

11. (currently amended) A method generating coefficients for reducing the output energy and bandwidth of an intermittent signal in a digital filter, comprising the steps of:

calculating the energy in at least a first truncated tail data field as a function of at least a first ramp data field variable and at least a first data field variable;

taking a partial derivative of the energy in said at least the a first truncated tail data field with respect to said at least the a first ramp data field variable;

writing an equality by setting said partial derivative of the energy equal to zero;

solving said equality for said at least the a first ramp data field variable as a function of said at least the a first data field thereby generating at least a first coefficient, and

coupling said first coefficient to the digital filter for ~~processing~~ reducing the output energy and bandwidth of the intermittent signal.

12. (currently amended) The method of claim 3 ~~11, and~~ wherein said energy in said at least the a first truncated tail data field is also a function of digital filter tap coefficients.